

FILTER PRESS

**EBBD
BOMB BAY DOORS**



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Add-on drip collection solution for filter presses.

Bomb bay doors are fitted below the unloading area on the filter press to catch drips of filtrate during filtering, membrane filling or decompression prior to filter opening. They can also help to catch water and solids during external washing of filter cloths (manual or automatic).

These doors are built of one or two (depending on equipment size) swivel plates moved by hydraulic cylinders. They are closed during the various phases of filter operation and opened when the cakes are unloaded.

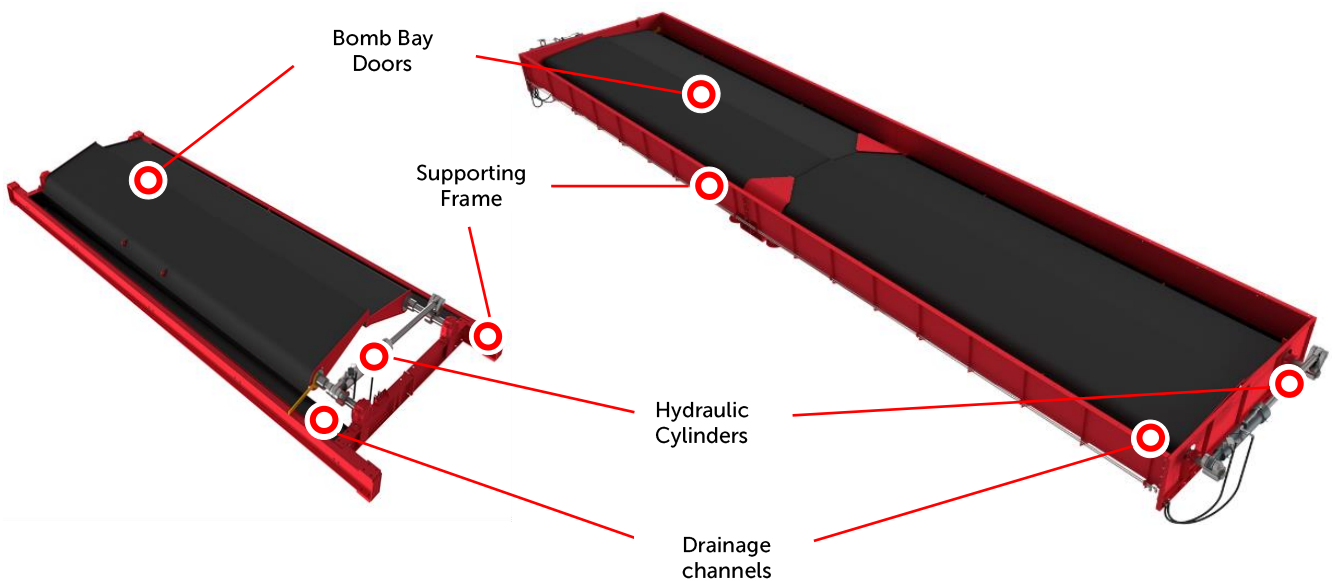
The filtrate collected on the doors is sent to lateral drainage channels and subsequently incorporated into the upstream part of the filtration system.

The various elements all fit onto a common frame that supports them at the bottom of the filter press.

The doors and the drainage channels can be supplied in different finishes (coal tar epoxy, rubber, stainless steel, etc.) to suit the intended application.

ADVANTAGE:

- > Compact filtrate drip collection system.
- > Drips of liquid can be caught during filtration and reincorporated into the process.
- > Waste entrained during external washing of filter cloths can be caught and reincorporated into the process.
- > The system protects the moisture levels of the material unloaded from the filter press.
- > Control is automatic, via the same PLC that controls the filter press cycle.
- > Vertical opening. Takes up less horizontal space than drip trays.



EBBD with open frame

EBBD with closed frame